

Arkansas Health Information Technology Taskforce Meeting

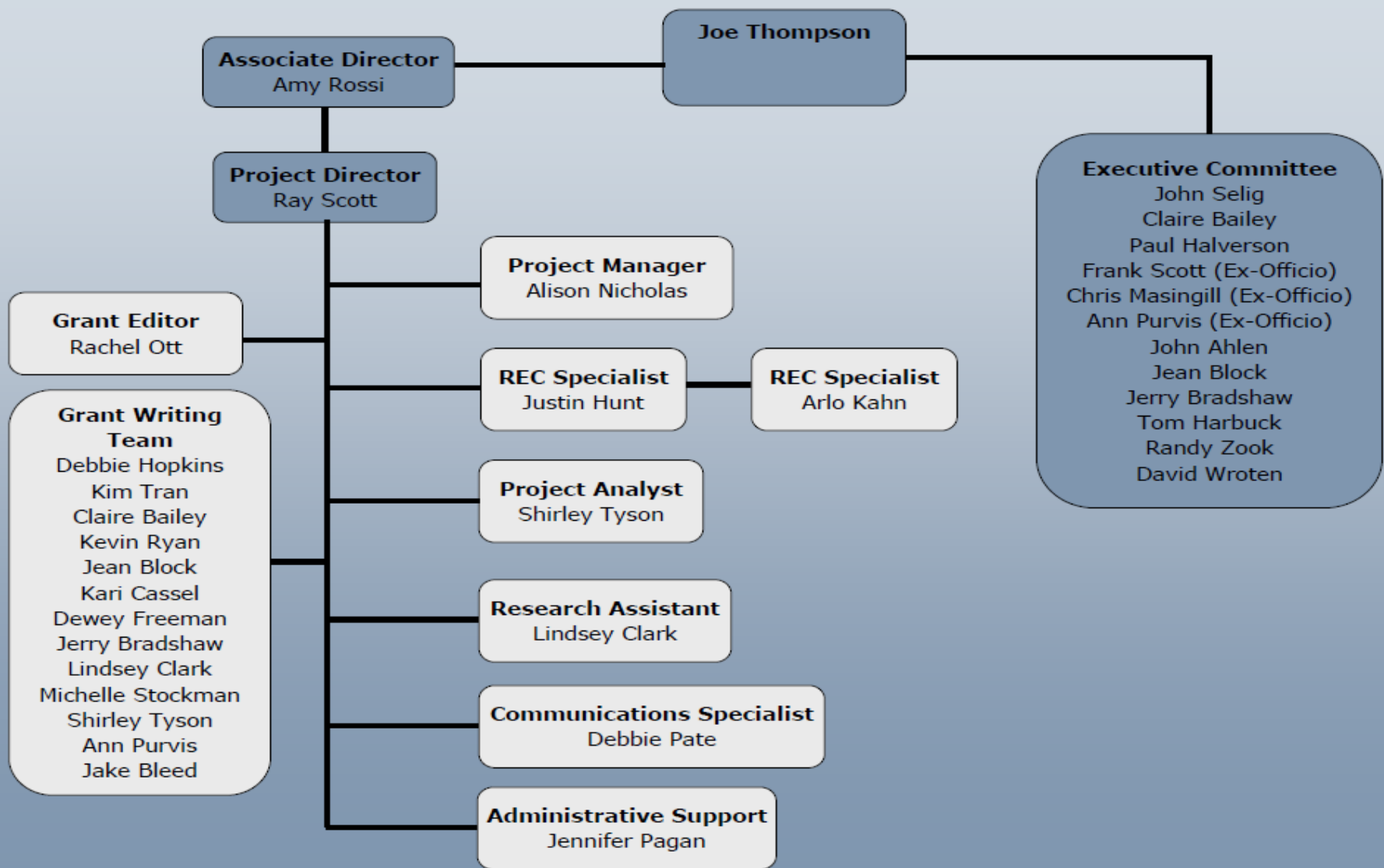


**DR. JOSEPH THOMPSON
SURGEON GENERAL**

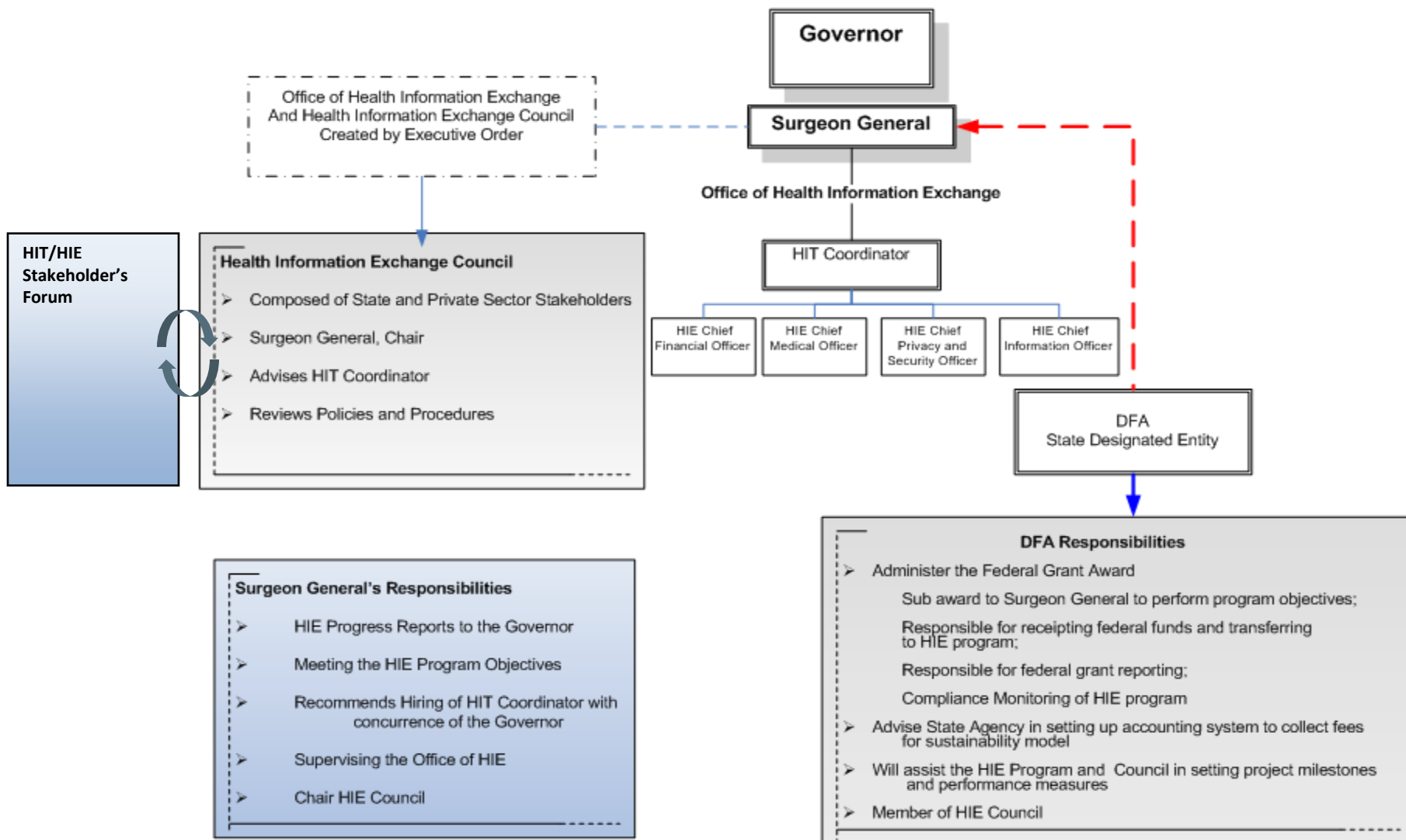
OCTOBER 07, 2009

**FRED W. SMITH CONFERENCE CENTER
JACKSON T. STEPHENS SPINE AND
NEUROSCIENCES INSTITUTE (UAMS)
10:00 AM TO 12:00 PM**

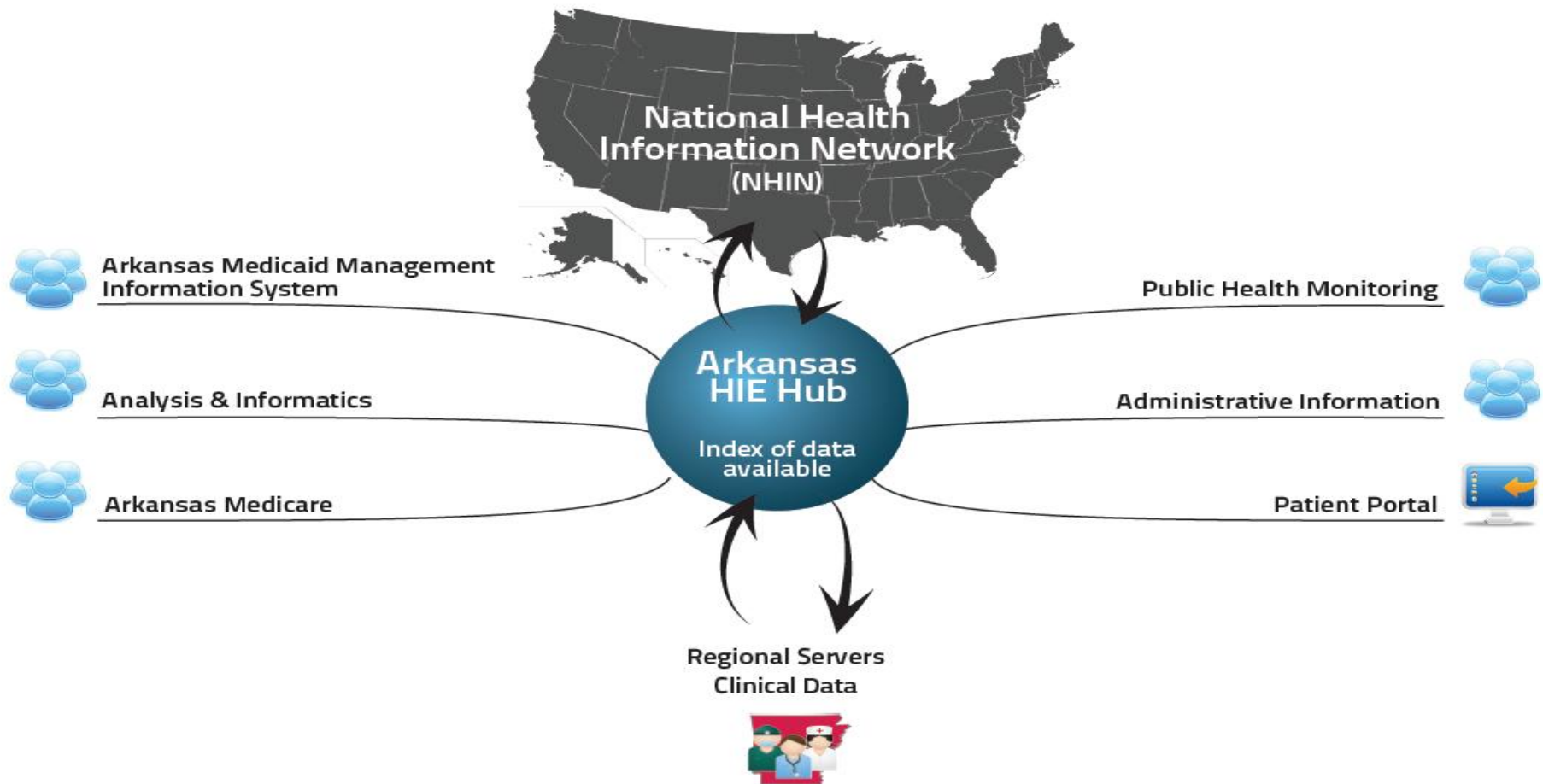
HIE Grant Development Project Organization Chart



Governance Model



Technical Infrastructure Domain



September 25, 2009 Revision 2

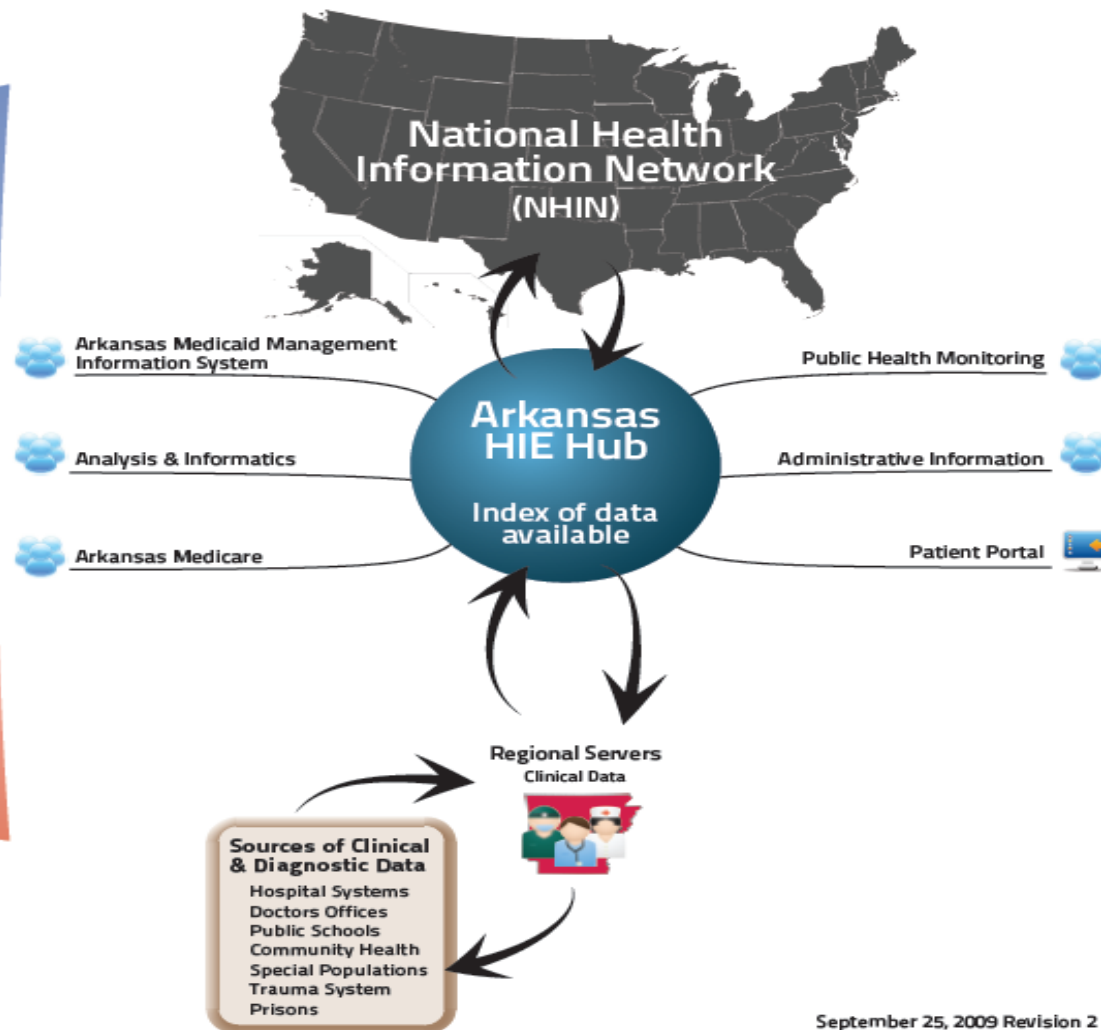
Health Information Exchange Functionality

Function of HIE Hub:

- * Indexes medical and/or health information for Arkansans
- * Master Patient Index (MPI)
 - Name, Address, DOB, SSN, etc.
- * Record Locator Service (RLS)
 - Where data is stored
- * Person Resolution Service (PRS)
 - Make sure you have the right person
- * National RX Hub
- * Record access logging
- * User Authentication
- * HIPAA Compliance
- * Normalization

Function of Regional Servers:

- * Collect Clinical Data
- * Personal Access Logging
- * User Authentication
- * HIPAA Compliance
- * Rules of Normalization



Data Elements

Patient demographics
Patient profile
Lab results
Medications
Immunizations
Wellness care
Interventions/treatment
Patient assessments
Plan of care
Discharge instructions
Test results
Vital statistics
Imagery

September 25, 2009 Revision 2

Health Information Exchange



Issues/Concerns

- Data/information security for vulnerable or “special” populations
- Patient/consumer data falling into unwanted hands
- Lack of training and resources to providers for instituting HIE

Response/Reconciliation

- Privacy and Security section dedicated to ensuring data security protocols
- Consent to data sharing agreements and informed consent included in the Privacy and Security
- HIE activity will work in tandem with REC to ensure resources are made available to providers as needed

HIE Timeline

Concept Phase

Planning Phase

Implementation Phase

9/11/09 10/16/09 12/09 12/15/09 1/15/10 4/1/10 10/1/10 1/1/11 6/30/11 10/1/11 10/1/12 1/1/15

LOI submitted

Grant app. submitted including initial strategic and operations plans

HIE Grant

Final strategic and operations plans approved by ONC;

Notice of award; State HIT Coordinator must be hired

Grant funding available

State Match \$1:\$10;

HIE Funding

State Match \$1:\$7

State Match \$1:\$3

Meaningful use defined

Medicare EHR hospital incentive payments begin (end in 2016)

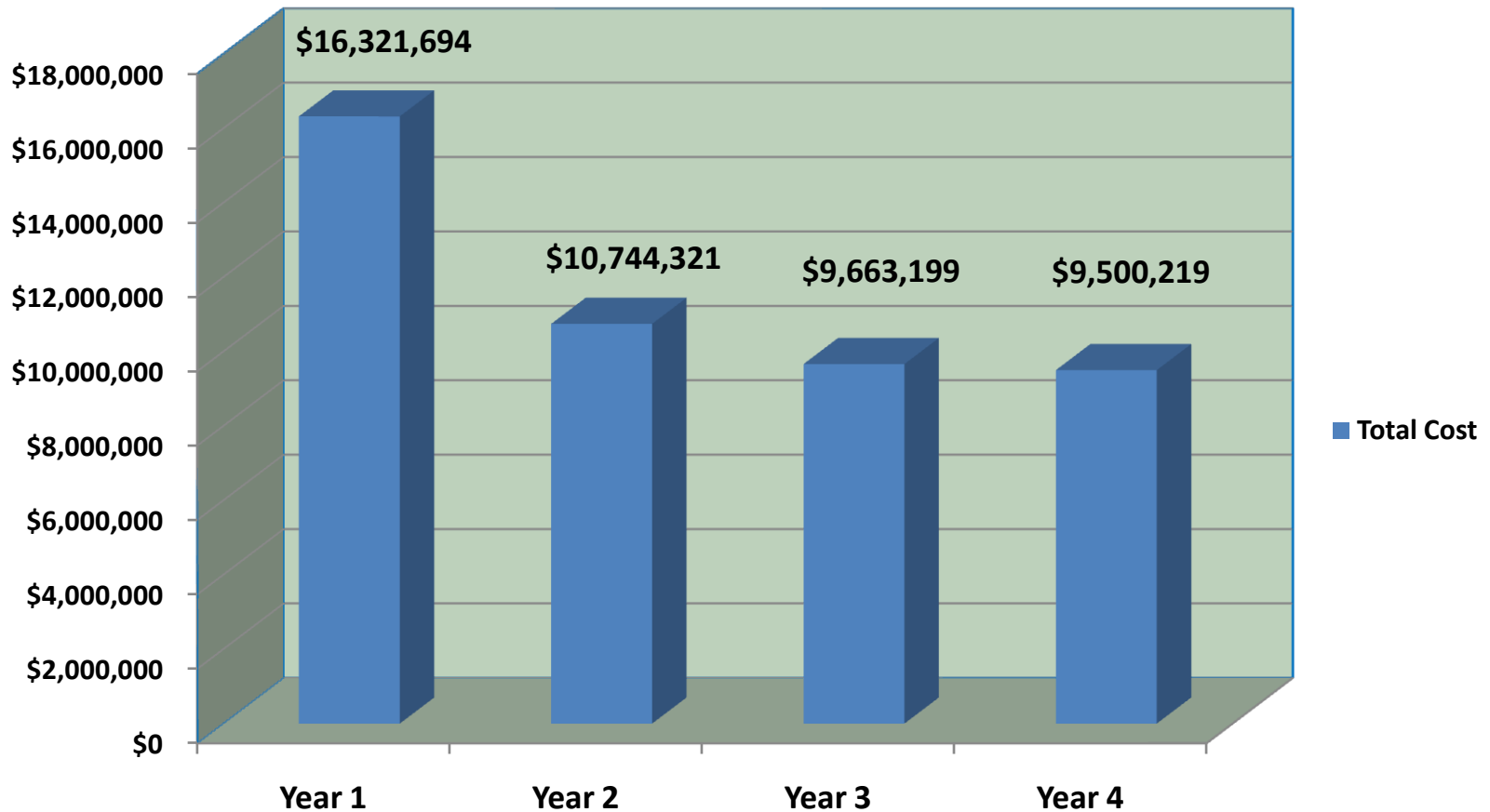
New MMIS

Medicare payment penalties begin for hospitals and physicians failing to meet meaningful use

Medicaid EHR physician and hospital incentive payments begin (end in 2021)
Medicare EHR physician incentive payments begin (end in 2016)

Medicaid/Medicare Incentives

Finance Domain



*Preliminary budget numbers only; subject to revision during planning phase.

Funding Sources



- **Related Funds**

- REC (~\$20m)
- Provider Incentives (~\$455m)
- Broadband Grant (~\$50m)

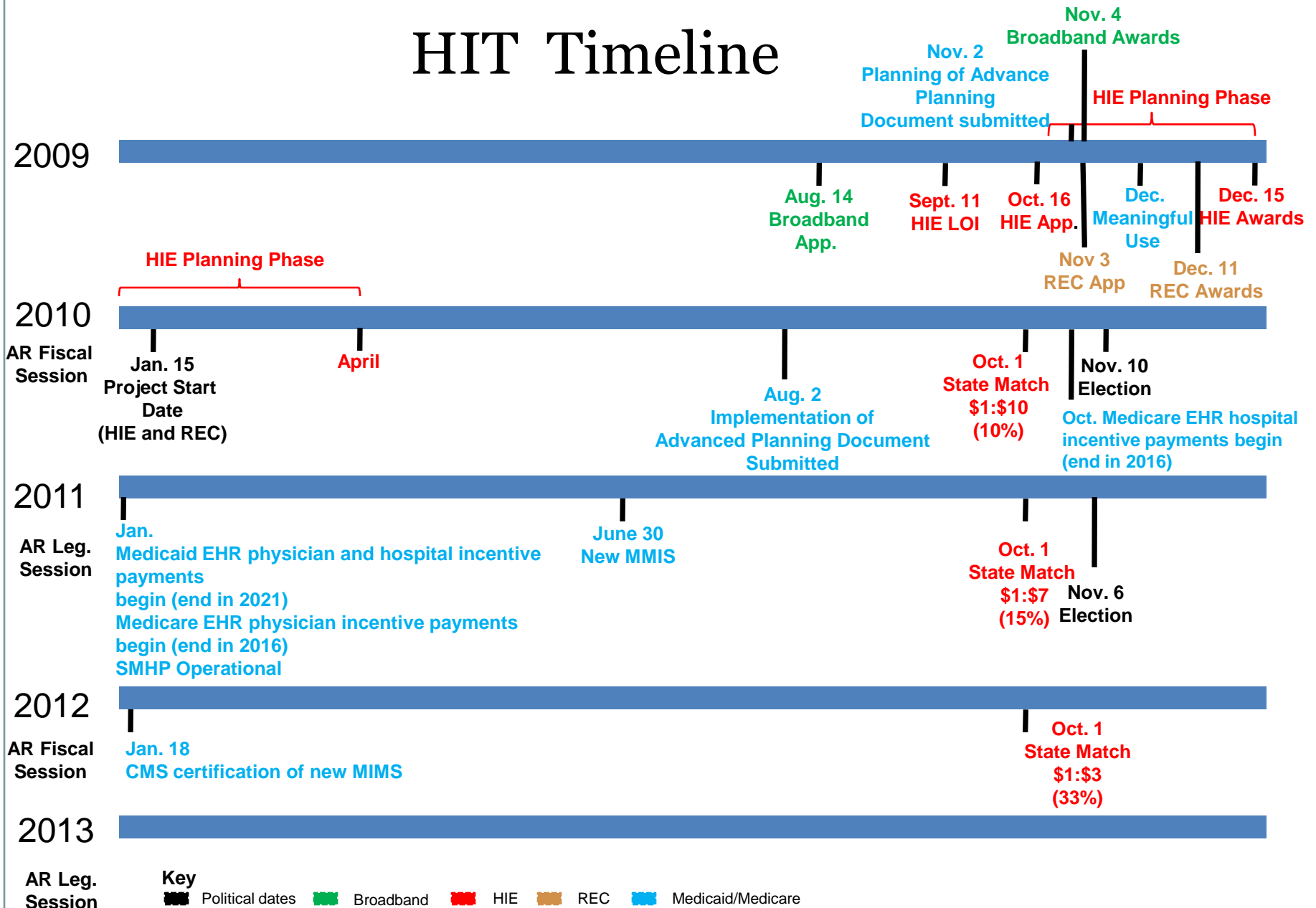
- **HIE Implementation**

- HIE Grant (\$7.9M)
- Medicaid/MMIS (?)
- Non-HIT Economic stimulus (?)
- State Source (?)

- **Sustainability (TBD)**

- Medicaid/MMIS
- User Fees: e.g. Health providers, CHCs, DOH, provider
- Alternative revenue sources: e.g. Per capita fees

HIT Timeline



Five 'Essential' Domains

To realize HIE states need to plan, implement and evaluate activities across five essential domains:



Domain

Summary

- | Domain | Summary |
|-------------------------------------|--|
| • Governance | • Convening stakeholders and creating trust and consensus on an approach for statewide HIE and to provide oversight and accountability of HIE to protect the public interest |
| • Finance | • Identification and management of financial resources necessary to fund health information exchange. |
| • Technical Infrastructure | • The architecture, hardware, software, applications, network configurations and other technological aspects that physically enable the technical services for HIE in a secure and appropriate manner. |
| • Business and Technical Operations | • Operational and management activities including procurement, identifying requirements, process design, functionality development, project management, help desk, systems maintenance, change control, program evaluation, and reporting. |
| • Legal/Policy | • Legal and policy frameworks with which HIE is administered including and privacy security requirements, data sharing agreements, federal and state laws and regulations, and multi-state policy harmonization activities. |